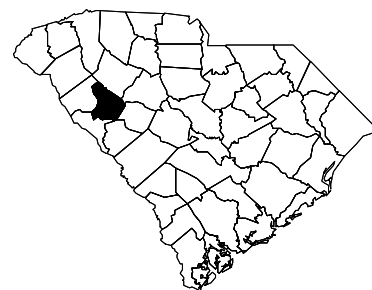


IMPACT OF CHRONIC CONDITIONS GREENWOOD County, 2002



In the year 2002, the leading causes of death among South Carolinians were heart disease, cancer, stroke, accidents, chronic lower respiratory disease, diabetes, Alzheimer's disease, pneumonia and influenza, nephritis, nephritic syndrome, nephrosis and septicemia. This report focuses on the chronic conditions of the population of Greenwood county, and is compared to the overall chronic conditions of the population of South Carolina as a whole.

The distribution of Greenwood county's population is similar to the state population. The majority (39%) of the population in Greenwood county are between the ages of 18-44, and there are more females (53%) than males (47%). Greenwood county's minority population (33%) is slightly higher than the state (32%). When adults in Greenwood county were asked about their general health status, 94.7% reported having excellent, very good, or good health in 2002 (SC was 83%).

	GREENWOOD COUNTY	STATE
Population size	67,461	4,107,183
Age distribution (%)		
<18	24	24
18-44	39	40
45-64	23	24
65-84	12	11
85+	2	1
Race (%)		
White	67	68
Black & Other	33	32
Sex (%)		
Male	47	49
Female	53	51

In spite of the overall reports of good health given by the citizens of the Palmetto State, chronic conditions are still making an impact on the health of many South Carolinians. Through primary and secondary prevention we hope to reduce the risk factors that contribute to the major chronic diseases and leading causes of death among South Carolinians.

The chart below contains the risk factors that contribute to an increased risk of developing a chronic condition. These risk factors are related to the major causes of morbidity and mortality among South Carolinians. Some common behavioral risk factors that contribute to the leading causes of death are smoking, sedentary lifestyle, obesity, and high cholesterol. The prevalence of these risk factors from the 2002 South Carolina Behavioral Risk Factor Surveillance System (BRFSS) survey are listed in the table below for Greenwood county.

RISK FACTOR	COUNTY (%)	STATE (%)
Current smoking	26	27
Sedentary lifestyle	43	42
Overweight	57	60
High Cholesterol	8	8

Some preventive measures such as immunization were included in the 2002 SC BRFSS. For persons age 65 and older in South Carolina:

30.6% have not received the flu shot in the past 12 months

35.1% have never had the pneumonia vaccination

Hospital/ED data in the following tables include ONLY those cases treated in SC hospitals. Cases treated in hospitals outside of SC are NOT included.

HYPERTENSION	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	27.6	.	.	.	.	28.4
Number of hospitalizations	107	55	52	50	57	5,173
Standard rate of hospitalizations (per 100,000)	152	294	94	165	138	125
Median age of hospitalized patients	63	58	65	68	58	63
Total cost of hospitalization (\$)	1,657,700	649,500	1,008,200	675,000	982,700	79,350,400
Average length of hospital stay (days)	6	4	8	4	8	5
Number of ED visits	138	97	41	58	80	7,306
Standard rate of ED visits (per 100,000)	203	467	80	186	219	175
Median age of ED patients	53	48	58	53	53	53
Total cost of ED visits (\$)	61,400	40,700	20,700	24,500	36,900	5,902,800
Number of deaths*	4	3	1	1	3	366
Standard death rate (per 100,000)*	5	20	2	3	7	9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	4.83	.	.	.	.	5.13
Number of hospitalizations	612	113	499	340	272	30,831
Standard rate of hospitalizations (per 100,000)	854	628	936	1,088	666	734
Median age of hospitalized patients	63	63	63	63	68	68
Total cost of hospitalization (\$)	18,328,000	2,659,800	15,668,200	11,431,600	6,896,400	969,122,700
Average length of hospital stay (days)	5	4	5	4	5	5
Number of ED visits	36	9	27	25	11	2,754
Standard rate of ED visits (per 100,000)	50	50	52	80	26	66
Median age of ED patients	58	58	58	55	60	63
Total cost of ED visits (\$)	67,100	5,600	61,500	49,200	17,900	10,617,900
Number of deaths*	158	43	115	84	74	9,723
Standard death rate (per 100,000)*	214	265	197	287	158	246

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	2.17	.	.	.	.	2.38
Number of hospitalizations	329	100	229	143	186	14,317
Standard rate of hospitalizations (per 100,000)	451	558	404	485	433	351
Median age of hospitalized patients	73	63	78	68	78	73
Total cost of hospitalization (\$)	7,171,300	2,403,700	4,767,600	3,737,200	3,434,100	279,819,700
Average length of hospital stay (days)	8	9	8	9	8	6
Number of ED visits	59	21	38	19	40	2,732
Standard rate of ED visits (per 100,000)	80	123	68	70	90	67
Median age of ED patients	68	63	68	63	78	73
Total cost of ED visits (\$)	114,200	36,200	78,000	33,600	80,600	6,322,600
Number of deaths*	67	16	51	32	35	2,816
Standard death rate (per 100,000)*	90	93	85	122	70	73

CHRONIC OBSTRUCTIVE PULMONARY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	223	57	166	82	141	14,524
Standard rate of hospitalizations (per 100,000)	313	305	316	266	349	351
Median age of hospitalized patients	63	48	68	58	63	58
Total cost of hospitalization (\$)	2,806,100	650,300	2,155,800	1,000,400	1,805,700	198,700,700
Average length of hospital stay (days)	5	3	5	4	5	5
Number of ED visits	760	359	401	320	440	37,517
Standard rate of ED visits (per 100,000)	1,135	1,599	883	1,019	1,243	914
Median age of ED patients	38	33	38	33	38	33
Total cost of ED visits (\$)	378,100	156,500	221,600	157,500	220,600	30,607,600
Number of deaths*	33	2	31	15	18	1,891
Standard death rate (per 100,000)*	44	11	53	52	37	48

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	8.21	.	.	.	.	8.33
Number of hospitalizations	153	78	75	68	85	8,652
Standard rate of hospitalizations (per 100,000)	217	388	150	209	219	207
Median age of hospitalized patients	53	53	58	53	53	53
Total cost of hospitalization (\$)	2,221,900	1,102,200	1,119,700	1,048,300	1,173,600	127,167,500
Average length of hospital stay (days)	6	6	7	6	6	6
Number of ED visits	112	69	43	52	60	9,316
Standard rate of ED visits (per 100,000)	167	342	94	168	164	224
Median age of ED patients	58	58	53	58	58	53
Total cost of ED visits (\$)	79,900	50,000	29,900	30,900	49,000	8,261,100
Number of deaths*	32	19	13	5	8	1,114
Standard death rate (per 100,000)*	44	112	24	22	26	28

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	435	144	291	170	265	24,644
Standard rate of hospitalizations (per 100,000)	617	758	545	556	695	591
Median age of hospitalized patients	63	53	68	68	58	58
Total cost of hospitalization (\$)	8,781,000	2,601,100	6,179,900	4,485,800	4,295,200	605,119,300
Average length of hospital stay (days)	6	6	6	8	5	6
Number of deaths*	137	36	101	77	60	8,320
Standard death rate (per 100,000)*	188	213	179	272	144	203

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	51	18	33	29	22	2,113
Standard rate of hospitalizations (per 100,000)	69	105	57	99	49	51
Median age of hospitalized patients	78	73	83	73	80	68
Total cost of hospitalization (\$)	1,605,500	640,800	964,700	939,400	666,100	80,248,200
Average length of hospital stay (days)	11	12	10	11	11	10
Number of deaths*	16	8	8	7	9	807
Standard death rate (per 100,000)*	22	47	14	24	21	20

BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	35	10	25	.	35	1,465
Standard rate of hospitalizations (per 100,000)	48	55	45	.	84	35
Median age of hospitalized patients	68	68	68	.	68	63
Total cost of hospitalization (\$)	359,400	95,000	264,400	.	359,400	21,213,600
Average length of hospital stay (days)	3	3	3	.	3	3
Number of deaths*	15	4	11	-	15	630
Standard death rate (per 100,000)*	21	22	21	-	37	15

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	.	.	.	.	.	222
Standard rate of hospitalizations (per 100,000)	3	.	3	.	4	5
Median age of hospitalized patients	83	.	83	.	83	48
Total cost of hospitalization (\$)	16,700	.	16,700	.	16,700	3,668,300
Average length of hospital stay (days)	2	.	2	.	2	4
Number of deaths*	-	2	-	2	3	26
Standard death rate (per 100,000)*	-	4	-	5	-	3

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	33	5	28	25	8	2,154
Standard rate of hospitalizations (per 100,000)	46	31	52	82	20	51
Median age of hospitalized patients	68	68	68	68	65	68
Total cost of hospitalization (\$)	1,280,700	102,000	1,178,700	1,049,200	231,500	70,474,400
Average length of hospital stay (days)	13	12	13	14	10	9
Number of deaths*	39	7	32	26	13	2,481
Standard death rate (per 100,000)*	54	43	56	91	31	60

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	28	10	18	28	.	1,353
Standard rate of hospitalizations (per 100,000)	38	57	33	89	.	32
Median age of hospitalized patients	68	65	70	68	.	68
Total cost of hospitalization (\$)	396,300	145,500	250,800	396,300	.	24,726,200
Average length of hospital stay (days)	4	5	4	4	.	4
Number of deaths*	10	3	7	10	-	478
Standard death rate (per 100,000)*	13	20	12	43	-	12

*Mortality data were provided by Division of Biostatistics, Office of Public Health Statistics and Information Systems, DHEC using ICD-10 codes.

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